BRUHAT BANGALORE MAHANAGARA PALIKE

MEASUREMENT SHEET

RA 1ST AND FINAL BILL

Name of work: Construction of RCC Drain and Covering Slab at 1st and 2nd Main Road in BEL Layout 2nd Block in Ward No. 10 (Doddabommasandra), Vidyaranyapura Sub Division.

Estimated Cost : Rs. 50.00 Lakhs

Head of Account : P-0190

Job Code: 010-19-000001

Name of Agency: Sri. K.V. Subbareddy, Contractor, # 106 B, Ashwathnagara, R.M.V 2nd Stage, Bangalore – 560 094

Work order No: BBMP/EE/BTP/WO/163/2019-20 D: 07.12.2019.

Measurements Recarded on : 10/02/2020

Sl. No	Description	No.	L	B	D	Qty	Unit / Rate	Amount
1	Earth work excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications complete as per specifications						Cum	
	Qty as per Premeasurement Recorded vide E-Bill Page No. 1 & 2 is					**359.50**	210.79	**75779.00**
2	Providing and laying in position plain cement concrete of **mix 1:4:8 with OPC cement @ 180 kgs with 40mm** and down size graded granite metal coarse aggregates @ 0.85cum and fine aggregares @ 0.57 cum machine mixed, concrete laid in layers not, exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications.						Cum	
	Qty as per Premeasurement Recorded vide E-Bill Page No. 3 is					**229.50**	4900.00	**1124550.00**
3	Providing and laying cement concrete using 20mm and down size granite jelly of ready mixed concrete (RMC)for R.C.C works laid in 15cms thick layers and well compacted vibrating, curing, finishing with necessary cement mortar, form works and scaffoldings to withstand pumping of concrete, with all lead and lifts etc., complete (exclusive of cost of steel and fabrication charges.) Ready mixed Cement concrete M-20 (1:1.5:3) for raft foundation, column footing, main and secondary beams.						Cum	
	Drain Bottom Concrete	1	30.00	0.90	0.15	4.05		
		1	30.00	0.90	0.15	4.05		
		1	30.00	0.90	0.15	4.05		
		1	30.00	0.90	0.15	4.05		
		1	10.50	0.90	0.15	1.42		
	Side Wall	2	30.00	0.15	0.60	5.40		
		2	30.00	0.15	0.60	5.40		
		2	30.00	0.15	0.60	5.40		
		2	30.00	0.15	0.60	5.40		
		2	10.50	0.15	0.60	1.89		
						41.11		
						40.95	5100.00	**208845.00**
4	Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 **TMT Bars FE 500**						Tonne	
	Qty as per Premeasurement Recorded vide E-Bill Page No. 4 is					**2.46**	66460.37	**163493.00**

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Sl. No	Description	No.	L	B	D	Qty	Unit / Rate	Amount
5	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for **vertical surface such as walls** at any thickness, including attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per specifications.						Sqm	
	Qty as per Premeasurement Recorded vide E-Bill Page No. 5 is					**312.00**	335.27	**104604.00**
6	Providing granite slabs of selected quality roughly dressed and fixed in cement mortar(1:6) including fixing curing etc, complete7.5 cms thick						Sqm	
	For Covering Slab	1	30.00		1.20	36.00		
		1	30.00		1.20	36.00		
		1	30.00		1.20	36.00		
		1	30.00		1.20	36.00		
		1	10.50		1.20	12.60		
			130.50			**156.60**		
						156.00	500.00	**78000.00**
7	Providing chamfering edges to stone slab 2.5cms. wide as per specifications. (only chamfered length shall be recorded)						M	
		218	3.60			**783.00**		
						780.00	50.00	**39000.00**
8	Providing two line dressing to granite stone slab / granite stone masonry as per specifications.						Sqm	
	Qty					156.00		
						156.00	1200.00	**187200.00**
9	Providing and laying in position plain cement concrete of **mix 1:2:4 with cement @ 240 kgs with 20mm** and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregates @ 0.459 cum, machine mixed, concrete laid in layers not exceeding 15cms, thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications,						Cum	
	Qty as per Premeasurement Recorded vide E-Bill Page No. 6 is					**143.90**	5077.76	**730690.00**
10	Construction of footpath/separator by providing a 150 mm compacted granular sub-base as per Clause 401 & 25mm thick cement concrete grade M-15, overlaid with precast concrete tiles in cement mortar 1:3 including provision of all drainage arrangements but excluding kerb channel complete as per specifications.						Sqm	
	For Doddabommasandra Lake Path Way E/W Side		30.00	2.7+2.5		0.00		
				2				
		1	30.00	2.5+2.4		73.50		
				2				
		1	30.00	2.40		72.00		
		1	30.00	2.40		72.00		
		1	30.00	2.40		72.00		
		1	30.00	2.4+2.2		69.00		
				2				
		1	4.50	2.2+2.5		10.58		
				2				
	S/S Side	1	30.00	2.6+2.4		75.00		
				2				
		1	29.50	2.4+2.5		72.28		
				2				
	infront of Gazibo	1	4.60	2.20		10.12		
	W/S	1	30.00	2.4+2.7		76.50		
				2				

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Sl. No	Description	No.	L	B	D	Qty	Unit / Rate	Amount
		1	30.00	2.7+2.5		78.00		
				2				
		1	30.00	2.5+2.8		79.50		
				2				
		1	30.00	2.8+2.7		82.50		
				2				
		1	30.00	2.7+2.8		82.50		
				2				
		1	30.00	2.8+2.9		85.50		
				2				
		1	6.70	2.9+3.1		20.10		
				2				
	N/S	1	30.00	3.1+2.1		78.00		
				2				
		1	21.00	2.1+2.3		46.20		
				2				
	Centre	1	30.00	2.8+2.6		81.00		
				2				
		1	14.10	2.6+2.5		35.96		
				2				
		1	18.50	3.3+3.0		58.28		
				2				
						1330.50		
						1400.00	665.26	**931364.00**
11	Providing and fixing pre cast solid cement concrete kerb stones made out of CC 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting including formwork, curing, including cost of materials, labour charges of machinery, loading and unloading, lead and lift, transportation ete.,complete						Nos	
	For Doddabommasandra Lake Path Way E/W Side	1	10.00			22		
			0.45					
		1	12.00			27		
			0.45					
		1	15.00			33		
			0.45					
		1	10.00			22		
			0.45					
		1	4.50			10		
			0.45					
	Centre	2	18.50			82		
			0.45					
		1	20.40			45		
			0.45					
		1	10.00			22		
			0.45					
		1	8.00			18		
			0.45					
		1	7.30			16		
			0.45					
	E/S	1	10.00			22		
			0.45					
		1	6.00			13		
			0.45					
		1	15.00			33		

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Sl. No	Description	No.	L	B	D	Qty	Unit / Rate	Amount
			0.45					
	W/S	1	10.00			22		
			0.45					
		1	10.00			22		
			0.45					
		1	15.00			33		
			0.45					
		1	10.30			23		
			0.45					
	Centre	1	25.00			56		
			0.45					
		1	15.00			33		
			0.45					
						557		
						556	383.10	**213004.00**
12	Providing and applying **ready mix priming coat over** concrete / masonry / asbestos cement sheet / plastered surfaces including preparing the surface after thoroughly cleaning of oil, grease, dirt and other foreign matter, and sand papering including cost of materials, labour, complete as per specifications.						Sqm	
	Kerb Stone Painting							
	For Doddabommasandra Lake Path Way E/W Side	2	30.00		0.35	21.00		
		2	30.00		0.35	21.00		
		2	30.00		0.35	21.00		
		2	30.00		0.35	21.00		
		2	30.00		0.35	21.00		
		2	30.00		0.35	21.00		
		2	4.50		0.35	3.15		
	S/S Side	2	30.00		0.35	21.00		
		2	29.50		0.35	20.65		
	infront of Gazibo	2	4.60		0.35	3.22		
	W/S	2	30.00		0.35	21.00		
		2	30.00		0.35	21.00		
		2	30.00		0.35	21.00		
		2	30.00		0.35	21.00		
		2	30.00		0.35	21.00		
		2	30.00		0.35	21.00		
		2	6.70		0.35	4.69		
	N/S	2	30.00		0.35	21.00		
		2	21.00		0.35	14.70		
	Centre	2	30.00		0.35	21.00		
		2	14.10		0.35	9.87		
		2	18.50		0.35	12.95		
		2	20.40		0.35	14.28		
		2	7.90		0.35	5.53		
		2	20.90		0.35	14.63		
		2	7.30		0.35	5.11		
		2	18.50		0.35	12.95		
	infront of Gazibo	2	4.40		0.35	3.08		
						439.81		
						437.50	33.00	**14438.00**

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Sl. No	Description	No.	L	B	D	Qty	Unit / Rate	Amount
13	Providing and applying **spray painting in two coats (excluding priming coat)** over concrete / masonry / asbestos cement sheet / plastered surfaces with flat wall paint of approved brand to give even shade after cleaning the surface of all dirt, dust and other foreign matter, and sand papering including cost of materials, labour, complete as per specifications.						Sqm	
		Qty Vide Item No. 12				437.50		
						437.50	80.00	**35000.00**
	Sub Total							**3905967.00**
	GST @ 12%							**468716.00**
	Total							**4374683.00**

Swetha N L
Assistant Engineer
Ward No. 10

Assistant Executive Engineer
Vidyaranyapura Sub Division

Assistant Executive Engineer
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